

Pending US Cases:

PF112U1 - can file the response with 11-30 response. Refer back.

PF112P4 - only needs the most recent Alitalo Dec. - can be filed in the response that is going out in Nov.

PF112/D2C1

PF112/P6

PF112P2D1/D1

PF112P2D2/P2D2

PF112P3/D1C1

PF112P3/P3US

IDS References:

	US Pat No.		Name	Date of Pub.
1	5,326,695		Andersson et al.	07-05-1994
2	5,073,492		Chen et al.	12-17-1991
3	5,607,918		Eriksson et al.	03-04-1997
4	5,840,693 B1		Eriksson et al.	11-24-1999
5	5,240,848		Keck et al.	08-31-1993
6	5,283,354		Lemischka	02-01-1994
7	5,633,147		Meissner et al.	05-27-1999
8	5,234,908		Szabo et al.	08-10-1993
9	5,861,301 B1		Terman et al.	01-19-1999
10	5,194,596		Tischer et al.	03-16-1993
11	5,219,739		Tischer et al.	06-15-1993
12	08/340011			11/1994
13	08/510133			08/1995
14	08/585895			01/1996
15	08/601132			02/1996
16	08/671573			06/1996
17	60/003491			09/1995
18	08/554374			11/1995
	Foreign Pat No.	Coun	Name	Date of Pub.
19	92/14748	PCT	American Cyanamid Co.	09-03-1992
20	0-476983 A1	EP	Bayne, et al.	03-25-1992
21	0-506477 A1	EP	Bayne, et al.	09-30-1992
22	98/49300	PCT	Collateral Therapeutics	11-05-1998
23	710696	AU	Genentech, Inc.	09-30-1999
24	97/09427	PCT	Genentech, Inc.	03-13-1997
25	94/3464	South Africa	Human Genome Sciences, Inc.	01-31-1996
26	99/46364	PCT	Human Genome Sciences, Inc.	09-16-1999
27	96/39515	PCT	Human Genome Sciences, Inc.	12-12-1996
28	96/05856	PCT	Human Genome Sciences, Inc.	02-29-1996
29	95/24414	PCT	Human Genome Sciences, Inc.	09-14-1995
30	95/19985	PCT	Human Genome Sciences, Inc.	07-27-1995
31	98/06844	PCT	Human Genome Sciences, Inc.	02-19-1998
32	97/17442	PCT	Immunex Corporation	05-15-1997
33	98/33917	PCT	Ludwig Institute for Cancer Research/Univ. Helsinki Licensing Ltd.	06-08-1998
34	99/08522	PCT	Ludwig Institute for Cancer Research/Univ. Helsinki Licensing Ltd.	02-25-1999
35	98/07832	PCT	Ludwig Institute for Cancer Research/Univ. Helsinki Licensing Ltd. Oy	02-26-1998
36	98/56936	PCT	Max-Planck-Gesellschaft Zur Forderung Der Wissenschaften E.V.	12-17-1998
37	99/21590	PCT	Merck & Co.	05-06-1999
38	98/39035	PCT	The Wistar Institute of Anatomy & Biology	09-11-1998
39	97/05250	PCT	University of Helsinki	02-13-1997

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40	98/24811	PCT	ZymoGenetics, Inc.	06-11-1998
			Other Documents	
41			ACHEN <i>et al.</i> , "Vascular endothelial growth factor D (VEGF-D) is a ligand for the tyrosine kinases VEGF receptor-2 (Flk1) and VEGF receptor-3 (Flt4)," <i>Proc. Natl. Acad. Sci. (USA)</i> , 95(2): 548-553 (1998).	
42	<i>*</i>		Alderson, R. F., Yourey, P. A., and Su, J. Y. (1999) Vascular endothelial cell growth factor (VEGF)-2 enhances the development of rat photoreceptor cells in vitro. Keystone Symposia, Ocular Cell and Molecular Biology, 202. (Abstract provided)	retina
43			ANDERSSON <i>et al.</i> , "Assignment of interchain disulfide bonds in platelet-derived growth factor (PDGF) and evidence for agonist activity of monomeric PDGF," <i>J. Biol. Chem.</i> , 267(16): 11260-11266 (1992).	
44			ANDERSSON W.F., "Human gene therapy," <i>Science</i> , 256:808-813 (1992).	
45			APRELIKOVA <i>et al.</i> , "Flt4, a novel class III receptor tyrosine kinase in chromosome 5q33-qter," <i>Cancer Research</i> , 52: 746-748 (1992).	
46			BELL <i>et al.</i> , "Human epidermal growth factor precursor: cDNA sequence, expression <i>in vitro</i> and gene organization," <i>Nucl. Acids Res.</i> 14(21): 8427-8446 (1986).	
47			BELLOMO <i>et al.</i> , "Mice Lacking the Vascular Endothelial Growth Factor-B Gene (Vegfb) Have Smaller Hearts, Dysfunctional Coronary Vasculature, and Impaired Recovery From Cardiac Ischemia," <i>Circ. Research</i> 89(2): e29-e35 (2000).	
48			BERSE <i>et al.</i> , "Vascular Permeability Factor (Vascular Endothelial Growth Factor) Gene is Expressed Differentially in Normal Tissues, Macrophages, and Tumors," <i>Mol. Biol. Cell.</i> , 3:211-220 (1992).	
49			BETSHOLTZ <i>et al.</i> , "cDNA Sequence and Chromosomal Localization of Human Platelet-Derived Growth Factor A-Chain and Its Expression in Tumor Cell Lines," <i>Nature</i> , 320(24): 695-699 (1986).	
50			BREIER <i>et al.</i> , "Expression of Vascular Endothelial Growth Factor During Embryonic Angiogenesis and Endothelial Cell Differentiation," <i>Development</i> , 114:521-532 (1992).	
51			CLAFFEY <i>et al.</i> , "Vascular Endothelial Growth Factor," <i>J. Biol. Chem.</i> , 267(23): 16317-16322 (1992)	
52			COCKERILL <i>et al.</i> , "Angiogenesis: Models and Modulators" <i>Intl. Rev. Cytology</i> , 159:113-160 (1995).	
53			CORSON <i>et al.</i> , "Fibrillin binds calcium and is coded by cDNAs that reveal a multidomain structure and alternatively spliced exons at the 5' end," <i>Genomics</i> , 17:476-484 (1993).	
54			DIGNAM <i>et al.</i> , "Balbiani ring 3 in <i>chironomus tentans</i> encodes a 185-kDa secretory protein which is synthesized throughout the fourth larval instar," <i>Gene</i> 88:133-140 (1990).	
55			EICHMANN <i>et al.</i> , "Avian VEGF-C: cloning, embryonic expression pattern and stimulation of the differentiation of VEGFR2-expressing endothelial cell precursors," <i>Development</i> , 125(4): 743-752 (1998).	
56			FERRARA <i>et al.</i> , "Molecular and Biological Properties of the Vascular Endothelial Growth Factor Family of Proteins," <i>Endocrine Rev.</i> , 13(1): 18-32 (1992).	
57			FERRARA <i>et al.</i> , "The vascular endothelial growth factor family of polypeptides," <i>J. Cellular Biochemistry</i> 47:211-218 (1991).	
58			FINNERTY <i>et al.</i> , "Molecular Cloning of Murine FLT and FLT4," <i>Oncogene</i> , 8(11):2293-2298 (1993).	
59			FRIEDMAN, T., "A brief history of gene therapy," <i>Nat. Genetics</i> , 2:93-98 (1992).	

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9/6/05



60	pk	GAMBLE <i>et al.</i> , "Regulation of In Vitro Capillary Tube Formation by Anti-Integrin Antibodies," <i>J. Cell. Bio.</i> , 121(4): 931-943 (1993).
61		GEORGE <i>et al.</i> , "Current methods in sequence comparison and analysis," <i>Macromolecular Seq. and Syn. Selected Meth - Application (Alan R. Liss)</i> , pp. 127-149 (1998).
62		GOLDSPIEL <i>et al.</i> , "Human Gene Therapy," <i>Clinical Pharmacy</i> 12: 488-505 (1993).
63		GRIMMOND <i>et al.</i> , "Cloning and Characterization of a Novel Human Gene Related to Vascular Endothelial Growth Factor," <i>Genome Research</i> , 6:124-131 (1996).
64		GUZMAN <i>et al.</i> , "Efficient gene transfer into myocardium by direct injection of adenovirus vectors," <i>Circ. Res.</i> , 73:1202-1207 (1993).
65		HELDIN <i>et al.</i> , "Structure of Platelet-Derived Growth Factor: Implications for Functional Properties," <i>Growth Factors</i> , 8:245-252 (1993).
66		HOCKEL <i>et al.</i> , "Therapeutic angiogenesis," <i>Arch. Surg.</i> , 128:423-429 (1993).
67		HU <i>et al.</i> , "A novel regulatory function of proteolytically cleaved VEGF-2 for vascular endothelial smooth muscle cells," <i>FASEB J.</i> , 11: 498-504 (1997).
68		HYDE <i>et al.</i> , "Correction of the ion transport defect in cystic fibrosis transgenic mice by gene therapy," <i>Nature</i> 362: 250-255 (1993).
69		JOUKOV <i>et al.</i> , "A novel vascular endothelial growth factor, VEGF-C, is a ligand for the Flt4 (VEGFR-3) and KDR (VEGFR-2) receptor tyrosine kinases," <i>EMBO J.</i> , 15(2): 290-298 (1996).
70		JOUKOV <i>et al.</i> , "Proteolytic processing regulates receptor specificity and activity of VEGF-C," <i>EMBO J.</i> 16(13): 3898-3911(1997).
71		KAIPAINEN <i>et al.</i> , "The Related FLT4, FLT1 and KDR Receptor Tyrosine Kinases Show Distinct Expression Patterns in Human Fetal Endothelial Cells," <i>J. Exp. Med.</i> , 178:2077-2088 (1993).
72		KAY <i>et al.</i> , "In Vivo Gene Therapy of Hemophilia B: Sustained Partial Correction in Factor IX-Deficient Dogs," <i>Science</i> 262:117-119 (1993).
73		KECK <i>et al.</i> , "Vascular permeability factor, an endothelial cell mitogen related to PDGF," <i>Science</i> , 246: 1309 (1989).
74		KOLODKA <i>et al.</i> , "Hepatic Gene Therapy: Efficient Retroviral-Mediated Gene Transfer into Rat Hepatocytes in Vivo," <i>Somatic Cell and Molecular Genetics</i> 19(5): 491-497 (1993).
75		KUKK <i>et al.</i> , "VEGF-C receptor binding and pattern of expression with VEGFR-3 suggests a role in lymphatic vascular development," <i>Development</i> , 122: 3829-37 (1996).
76		LEE <i>et al.</i> , "Vascular Endothelial Growth Factor-Related Protein: a ligand and specific activator of the tyrosine kinase receptor Flt4," <i>Proc. Natl. Acad. Sci. (USA)</i> , 93: 1988-1992 (1996).
77		LEUNG <i>et al.</i> , "Vascular Endothelial Growth Factor is a Secreted Angiogenic Mitogen," <i>Science</i> , 246: 1306-1309 (1989).
78		LITWIN <i>et al.</i> , "Role of Cytokines in Endothelial Cell Functions," <i>Human Cytokines</i> 101-129.
79	pk	MAGLIONE <i>et al.</i> , "Isolation of a Human Placenta cDNA Coding for a Protein Related to the Vascular Permeability Factor," <i>Proc. Natl. Acad. Sci. (USA)</i> , 88: 9267-9271 (1991).
80		MAGLIONE <i>et al.</i> , "Two Alternative mRNAs Coding for the Angiogenic Factor, Placenta Growth Factor (PIGF) are transcribed from a single gene of Chromosome 14," <i>Oncogene</i> , 8:925-931 (1993).
81		MASSAGUE, J., "The transforming growth factor-beta family," <i>Annu. Rev. Cell. Biol.</i> 6: 597-641 (1990).

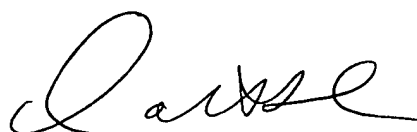
Law 9/6/05

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82	<i>ml</i>	MATTHEWS et al., "A receptor tyrosine kinase cDNA isolated from a population of enriched primitive hematopoietic cells and exhibiting close genetic linkage to c-kit," <i>Proc. Natl. Acad. Sci. (USA)</i> , 88:9026-9030 (1991).	
83		MILLAUER et al., "Glioblastoma growth inhibited in vivo by a dominant-negative Fik-1 mutant," <i>Nature</i> , 367: 576-579 (1994).	
84		MILLAUER et al., "High Affinity VEGF binding and developmental expression suggest Fik-1 as a major regulator of vasculogenesis and angiogenesis," <i>Cell</i> , 72: 835-846 (1993).	
85		PAJUSOLA et al., "FLT4 receptor tyrosine kinase contains seven immunoglobulin-like loops and is expressed in multiple human tissues and cell lines," <i>Cancer Res.</i> , 52: 5738-5743 (1992).	
86		PAJUSOLA et al., "Two human FLT4 receptor tyrosine kinase isoforms with distinct carboxy terminal tails are produced by alternative processing of primary transcripts," <i>Oncogene</i> 8:2931-2937 (1993).	
87		PAULSSON et al., "The balbiani ring 3 gene in <i>chironomus tentans</i> has a diverged repetitive structure split by many introns," <i>J. Mol. Biol.</i> , 211: 331-349 (1990).	
88		SHIBUYA et al., "Nucleotide sequence and expression of a novel human receptor-type tyrosine kinase gene (<i>flt</i>) closely related to the <i>fms</i> family," <i>Oncogene</i> 519-524 (1990).	
89		SILINS et al., "Analysis of the Promoter Region of the Human VEGF-Related Factor Gene," <i>Biochem. Biophys. Res. Comm.</i> 230: 413-418 (1997).	
90		STEWART et al., "Insulin delivery by somatic cell gene therapy," <i>J of Mol. Endocrinology</i> 11: 335-341 (1993).	
91		TANAKA et al., "DNA sequence encoding the amino-terminal region of the human c-src protein: implications of sequence divergence among src-type kinase oncogenes," <i>Mol. Cell. Biol.</i> , 7(5): 1978-1983 (1987).	
92		TERMAN et al., "Identification of New Endothelial Cell Growth Factor Receptor Tyrosine Kinase," <i>Oncogene</i> , 6: 1677-1683 (1991).	
93		TERMAN et al., "Identification of the KDR tyrosine kinase as a receptor for vascular endothelial cell growth factor," <i>Biochem. Biophys. Res. Commun.</i> , 187(3): 1579-1586 (1992).	
94		TISCHER et al., "Vascular endothelial growth factor: A new member of the platelet-derived growth factor gene family," <i>Biochem. & Biophys. Res. Comms.</i> 165(3): 1198-1206 (1989).	
95		TISCHER, et al., "The human gene for vascular endothelial growth factor. Multiple Protein Forms are Encoded through Alternative Exon Splicing," <i>J. Biol. Chem.</i> , 266(18): 11947-11954 (1991).	
96		TOWNSON et al., "Characterization of the Murine VEGF-Related Factor Gene," <i>Biochem. & Biophys. Res. Comms.</i> 220: 922-928 (1996).	
97		TSUJIMOTO et al., "Analysis of the structure, transcripts, and protein products of bcl-2, the gene involved in human follicular lymphoma," <i>Proc. Natl. Acad. Sci (USA)</i> , 83: 5214-5218 (1986).	
98		WALSH et al., "Gene Therapy for Human Hemoglobinopathies," <i>P.S.E.B.M.</i> 204: 289-300 (1993).	
99		WILLIAMS, R.S. "Southwestern internal medicine conference: prospects for gene therapy of ischemic heart disease," <i>Am. J. Med. Sci.</i> , 306(2): 129-136 (1993).	
100	<i>↓</i>	Yourey, P. A., Gohari, S., Su, J. Y. and Alderson, R. F. (2000) Vascular Endothelial Cell Growth Factors Promote the In Vitro Development of Rat Photoreceptor Cells. <i>J. Neuroscience</i> , 20: 6781 - 6788.	retina

Lawse 9/6/05

101		Yourey, P. A., Gohari, S., and Alderson, R. F., (1999) Vascular Endothelial Cell Growth Factor (VEGF)-2 Enhances the Development of Rat Photoreceptor Cells In Vitro. Soc. Cell Biology, 227. (Abstract provided)	retina
102		GenBank Accession No. AJ000185, ACHEN et al., "Vascular endothelial growth factor-D." February 11, 1998.	
103		GenBank Accession No. D88689, FINNERTY et al., "Mus musculus mRNA for fit-1, complete cds." April 14, 2000.	
104		GenBank Accession No. K03212, ANDERSSON et al., "Human c-src-1 proto-oncogene exon 6." January 13, 1995.	
105		GenBank Accession No. K03213, ANDERSSON et al., "Human c-src-1 proto-oncogene exon 7." January 13, 1995.	
106		GenBank Accession No. K03214, ANDERSSON et al., "Human c-src-1 proto-oncogene exon 8." January 13, 1995.	
107		GenBank Accession No. K03215, ANDERSSON et al., "Human c-src-1 proto-oncogene exon 9." January 13, 1995.	
108		GenBank Accession No. K03216, TANAKA et al., "Human c-src-1 proto-oncogene exon 10." January 13, 1995.	
109		GenBank Accession No. K03217, TANAKA et al., "Human c-src-1 proto-oncogene exon 11." January 13, 1995.	
110		GenBank Accession No. K03218, TANAKA et al., "Human c-src-1 proto-oncogene exon 12." January 13, 1995.	
111		GenBank Accession No. L04947, TERMAN et al., "Homo sapiens (clones BT3.081.0, BT3.129.5, and BT4.169) receptor tyrosine kinase (KDR) mRNA, 3' end cds." January 6, 1995.	
112		GenBank Accession No. L07296, FINNERTY et al., "Mus musculus receptor tyrosine kinase (FLT4) mRNA," August 9, 1993..	
113		GenBank Accession No. L19896, CORSON et al., "Human fibrillin (FBN1) gene, 5' end including alternative exons A, B, C, and exon M." November 8, 1994.	
114		GenBank Accession No. L22473, OLTVAI et al., "Human Bax alpha mRNA, complete cds." December 15, 1993.	
115		GenBank Accession No. L22474, OLTVAI et al., "Human Bax beta mRNA, complete cds." December 15, 1993.	
116		GenBank Accession No. M13994, TSUJIMOTO et al., "Human B-cell leukemia/lymphoma 2 (bcl-2) proto-oncogene mRNA encoding bcl-2-alpha protein, complete cds." October 31, 1994.	
117		GenBank Accession No. M13995, TSUJIMOTO et al., "Human B-cell leukemia/lymphoma 2 (bcl-2) proto-oncogene mRNA encoding bcl-3-beta protein, complete cds." October 31, 1994.	
118		GenBank Accession No. M16237, TANAKA et al., "Human c-src-1 proto-oncogene exon 2." January 13, 1995.	
119		GenBank Accession No. M16243, TANAKA et al., "Human c-src-1 proto-oncogene exon 3." January 13, 1995.	
120		GenBank Accession No. M16244, TANAKA et al., "Human c-src-1 proto-oncogene exon 4." January 13, 1995.	
121		GenBank Accession No. M16245, TANAKA et al., "Human c-src-1 proto-oncogene exon 5." January 13, 1995.	
122		GenBank Accession No. M24160, DIGNAM et al., "C. tentans 185-kD secretory protein (sp185) mRNA, partial cds, clone pC1185." April 26, 1993.	
123		GenBank Accession No. M24276, DIGNAM et al., "C. tentans 140-kd secretory protein (sp140) mRNA, partial cds, clone pC1140.1." April 26, 1993.	



9/6/05

124	<i>ml</i>	GenBank Accession No. M24277, DIGNAM et al., "C. tentans 140-kd secretory protein (sp140) mRNA, partial cds, clone pCl140.2," April 26, 1993.	
125		GenBank Accession No. M27281, KECK et al., "Vascular Permeability Factor mRNA, Compete cds." August 3, 1993.	
126		GenBank Accession No. M63971, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 1." August, 1993.	
127		GenBank Accession No. M63972, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 2." August, 1993.	
128		GenBank Accession No. M63973, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 3." August, 1993.	
129		GenBank Accession No. M63974, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 4." August, 1993.	
130		GenBank Accession No. M63975, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 5." August, 1993.	
131		GenBank Accession No. M63976, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 6." August, 1993.	
132		GenBank Accession No. M63977, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 7." August, 1993.	
133		GenBank Accession No. M63978, TISCHER et al., "Human Vascular endothelial growth factor gene, exon 8." August, 1993.	
134		GenBank Accession No. M95200, CLAFFEY et al., "Mouse vascular endothelial growth factor mRNA, complete cds." April 27, 1993.	
135		GenBank Accession No. S57152, MAGLIONE et al., "Placenta growth factor 2 (PlGF-2 specific exon 6)." March 5, 2001.	
136		GenBank Accession No. X04571, BELL et al., "Human mRNA for kidney epidermal growth factor (EGF) precursor." March 21, 1995.	
137		GenBank Accession No. X52263, PAULSSON et al., "C. tentans balbiani ring 3 (BR3) gene." December 18, 1992.	
138		GenBank Accession No. X54936, MAGLIONE et al., "H. sapiens mRNA for placenta growth factor (PlGF)," November 12, 1991.	
139		GenBank Accession No. X59397, MATTHEWS et al., "Mouse FLK-1 mRNA for a tyrosine kinase receptor." November 6, 1991.	
140		GenBank Accession No. X63556, CORSON et al., "H. sapiens mRNA for fibrillin." February 17, 1997.	
141	✓	GenBank Accession No. X68203, APRELIKOVA et al., "H. sapiens mRNA for FLT4, Class III Receptor Tyrosine Kinase." November 30, 1993.	
142		International Search Report, Application No. PCT/US94/05291.	
143		International Search Report, Application No. PCT/US99/05021.	
144		Statutory Declaration of Peter Adrian Walton Rogers, and exhibit 1.	
145		Statutory Declaration of Kari Alitalo, and exhibits 1-3 (02/2000).	
146		Statutory Declaration of Francis John Ballard and exhibit 1.	
147		Statutory Declaration of Kari Alitalo, and exhibits 1-2 (09/2001).	
148		NOT INCLUDED:	
149		Statutory Declaration of John Stanley Mattick, and Exhibits JSM1-JSM4.	
150		Statutory Declaration of Nicholas Kim Hayward, and Exhibits NKH1-2.	
151		Statutory Declaration of Jennifer Ruth Gamble and Exhibits JRG1-3.	
		Statutory Declaration of Tom Rapoport and Exhibits TPT-2.	
152		Statutory Declaration of Stuart A. Aaronson and Curriculum Vitae of Stuart A. Aaronson.	
153		Statutory Declaration of Susan Power, Appendices 1-2 and Figure 1.	
154		Statutory Declaration of Gary Baxter Cox and Exhibits GBC-1 - GBC 23.	
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PTO/SB/08a/b (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/499,468-Conf. #1320
				Filing Date	February 7, 2000
				First Named Inventor	Ralph Alderson
				Art Unit	1647
				Examiner Name	R. S. Landsman
Sheet	1	of	1	Attorney Docket Number	PF112U1

U.S. PATENT DOCUMENTS					
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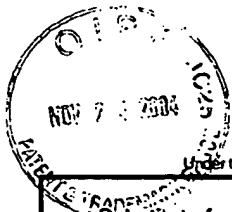
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RL	HR	VALE et al., "Percutaneous Electromechanical Mapping Demonstrates Efficacy of pVGI.1 (VEG2) in an Animal Model of Chronic Myocardial Ischemia," <i>Circulation</i> (Supplement), 100(18):I.22 (Nov. 2, 1999)	
	HS	European Supplementary Search Report, Application No. EP 01 96 3814, mailed July 14, 2004	

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PTO/SB/083/b (08-03)

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				Application Number	09/499,468-Conf. #1320
				Filing Date	February 7, 2000
				First Named	Ralph Alderson
				Art Unit	1647
				Examiner Name	R. S. Landsman
Sheet	1	of	2	Attorney Docket Number	PF112U1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AL	HT	WO-01/58956-A3	08-16-2001	BASF Aktiengesellschaft		
	HU	WO-01/57226-A1	08-09-2001	Millennium Pharmaceuticals, Inc.		
	HV	WO-00/73430-A3	12-07-2000	Max-Delbrueck Centrum Fur Molekulare Medizin		
	HW	WO-99/20749	04-29-1999	Medical Research Council		
	HX	WO-99/02545	01-21-1999	Novopharm Biotech, Inc.		
	HY	WO-98/55619	12-10-1998	ASAT AG Applied Science & Technology	English translation of abstract only	
	HZ	WO-97/19694	06-05-1997	Amgen, Inc.		
	IA	WO-97/08320	03-06-04	Morphosys Gesellschaft Fur Proteinoptimier Ung MBH		
	IB	WO-97/00271	01-03-1997	The Regents of the University of California		
	IC	WO-95/24473	12-14-1995	Human Genome Sciences, Inc.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AL	ID	EBI Accession No. AAW27553, KNAPPIK et al., "Human Ab heavy chain variable region VH3 consensus" (Jan. 23, 1998).	
AL	IE	GERHARDINGER, et al., "Expression of Vascular Endothelial Growth Factor in the Human Retina and in Nonproliferative Diabetic Retinopathy," <i>Am. J. Pathol.</i> , 152(6):1453-1462 (Jun. 6, 1998).	
AL	IF	LITWIN et al., "Role of Cytokines in Endothelial Cell Functions," <i>Human Cytokines</i> 101-129 (1995).	
	IG	Supplementary European Search Report, Application No. EP 02 72 6730, mailed October 25, 2004.	
	IH	Supplementary European Search Report, Application No. EP 00 90 5992, mailed November 8, 2004.	

Examiner Signature		Date Considered	9/6/05
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/499,468-Conf. #1320
				Filing Date	February 7, 2000
				First Named	Ralph Alderson
				Art Unit	1647
				Examiner Name	R. S. Landsman
Sheet	2	of	2	Attorney Docket Number	PF112U1

<i>AL</i>	II	WALSH <i>et al.</i> , "Gene Therapy for Human Hemoglobinopathies," P.S.E.B.M. 204: 289-300 (1993).	
<i>AL</i>	IJ	YANG <i>et al.</i> , "Flk-1, a Receptor for Vascular Endothelial Growth Factor (VEGF), Is Expressed by Retinal Progenitor Cells," <i>J. Neuroscience</i> , 16(19):6089-6099 (Oct. 1, 1996).	
<i>AL</i>	IK	YOUREY <i>et al.</i> , "Vascular Endothelial Cell Growth Factors Promote the In Vitro Development of Rat Photoreceptor Cells," <i>Molecul. Biol. Cell</i> , 10(Suppl.):39a (Nov. 1999) and 39 th Ann. Mtg. Am. Soc. Cell Biol., Wash, DC, (Dec. 11-15, 1999) (abstract (227) only).	

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